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**1 Fast parallel image processing for robot vision for the purpose of extracting information about objects***Bolle, R.; Cernuschi, B.; Cooper, D.;*Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '83.  
, Volume: 8 , Apr 1983

Pages:126 - 127

**IEEE CNF**

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**2 A laser and a camera for mobile robot navigation***Wijesoma, W.S.; Kodagoda, K.R.S.; Balasuriya, A.P.;*Control, Automation, Robotics and Vision, 2002. ICARCV 2002. 7th International  
Conference on , Volume: 2 , 2-5 Dec. 2002

Pages:740 - 745 vol.2

**IEEE CNF**

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**3 Road curb and intersection detection using a 2D LMS***Kodagoda, K.R.S.; Wijesoma, W.S.; Balasuriya, A.P.;*Intelligent Robots and System, 2002. IEEE/RSJ International Conference on , Volume:  
1 , 30 Sept.-5 Oct. 2002

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... **Image processing**, parallel, SIMD architectures, **robot** vision ... and some middle level **image processing** routines ... iteration that can be **executed in parallel** (N), the ...  
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... KAMEYAMA cf U / : COLLISION DETECTION PROCESSOR FOR INTELLIGENT ROBOTS 501 ... However, steps a) and b) can be **executed in parallel** for every Q. The proposed ...  
[ieeexplore.ieee.org/iel1/4/3538/00126537.pdf?arnumber=126537](http://ieeexplore.ieee.org/iel1/4/3538/00126537.pdf?arnumber=126537) - [Similar pages](#)

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... some time consuming **image processing** algorithms may also ... movement detection and **robot** movement control. ... the computation effectively **executed in parallel** is not ...  
[www-etis.ensea.fr/~neurocyber/publis/EUROPVM2000\\_Quoy\\_Moga.ps](http://www-etis.ensea.fr/~neurocyber/publis/EUROPVM2000_Quoy_Moga.ps) - [Similar pages](#)

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... communication, and I/O are **executed in parallel**, high-speed ... has been achieved, and new **image processing** algorithms ... fusion: The state of the art," J. Robot. ...  
[dx.doi.org/10.1109/2F3516.868915](http://dx.doi.org/10.1109/2F3516.868915) - [Similar pages](#)

### Development of universal, real-time systems

... time libraries that can be **executed in parallel**, and conducting ... being built into

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